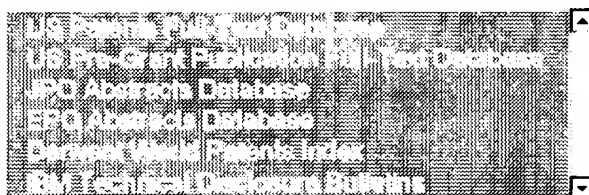


WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)**Search Results -****Terms****Documents**

12 and adenovir\$ and heterologous near10 pIX

0

Database:[Refine Search](#)

12 and adenovir\$ and heterologous near10 pIX

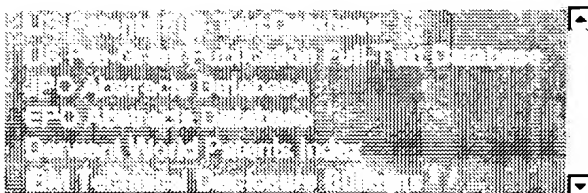
[Clear](#)**Search History****Today's Date: 12/27/2001**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and adenovir\$ and heterologous near10 pIX	0	<u>L8</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and adenovir\$ and fus\$ near10 IX	6	<u>L7</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and adenovir\$ and chimeric near10 pIX	2	<u>L6</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and adenovir\$ and chimeric near10 IX	13	<u>L5</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and adenovir\$ and chimeric	127	<u>L4</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and adenovir\$	263	<u>L3</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	pIX or protein near3 IX	2068	<u>L2</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	pIX and adenovir\$	53	<u>L1</u>

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show 8 Numbers](#)[Edit 8 Numbers](#)[Preferences](#)**Search Results -****Terms****Documents**

14 and p1X near10 ligand\$

2

Database:

14 and p1X near10 ligand\$

[Refine Search](#)[Clear](#)**Search History****Today's Date: 12/27/2001**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	14 and p1X near10 ligand\$	2	<u>L9</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	14 and p1X near10 fus\$	1	<u>L8</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	14 and p1X near5 heterologous	0	<u>L7</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	14 and Pix near5 chimaeric	0	<u>L6</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	14 and Pix near5 chimeric	2	<u>L5</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and adenoviru\$	53	<u>L4</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and adenovir\$	53	<u>L3</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	p1X or p1X near3 protein\$	1421	<u>L2</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	p1X near3 protein\$	27	<u>L1</u>

WEST

Your wildcard search against 2000 terms has yielded the results below

Search for additional matches among the next 2000 terms

Generate Collection

Search Results - Record(s) 1 through 27 of 27 returned.

1. Document ID: US 20010047081 A1

L1: Entry 1 of 27

File: PGPB

Nov 29, 2001

PGPUB-DOCUMENT-NUMBER: 20010047081

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010047081 A1

TITLE: Adenoviral capsid containing chimeric protein IX

PUBLICATION-DATE: November 29, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Roelvink, Petrus W.	Olney	MD	US	
Kovesdi, Imre	Rockville	MD	US	
Wickham, Thomas J.	Germantown	MD	US	

US-CL-CURRENT: 530/350; 435/252.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	EMMC	Draw Desc	Image
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2. Document ID: US 20010039046 A1

L1: Entry 2 of 27

File: PGPB

Nov 8, 2001

PGPUB-DOCUMENT-NUMBER: 20010039046
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010039046 A1

TITLE: Viable contaminant particle free adenoviruses, their preparation and use

PUBLICATION-DATE: November 8, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yeh, Patrice	Paris		FR	
Perricaudet, Michel	Ecrosnes		FR	
Orsini, Cecile	Paris		FR	

US-CL-CURRENT: 435/320.1; 435/235.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Dram Desc	Image
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3. Document ID: US 20010026794 A1

L1: Entry 3 of 27

File: PGPB

Oct 4, 2001

PGPUB-DOCUMENT-NUMBER: 20010026794
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010026794 A1

TITLE: Methods of preparing and using a viral vector library

PUBLICATION-DATE: October 4, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kovesdi, Imre	Rockville	MD	US	
McVey, Duncan L.	Derwood	MD	US	
Wickham, Thomas J.	Germantown	MD	US	
Bruder, Joseph T.	Ijamsville	MD	US	
Brough, Douglas E.	Olney	MD	US	

US-CL-CURRENT: 424/93.21; 435/235.1, 435/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	KWIC	Dram Desc	Image
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4. Document ID: US 20010016192 A1

L1: Entry 4 of 27

File: PGPB

Aug 23, 2001

PGPUB-DOCUMENT-NUMBER: 20010016192
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010016192 A1

TITLE: RECOMBINANT ADENOVIRAL VECTOR AND METHOD OF USE

PUBLICATION-DATE: August 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
GREGORY, RICHARD J.	CARLSBAD	CA	US	
WILLS, KEN N.	ENCINITAS	CA	US	
MANEVAL, DANIEL C.	SAN DIEGO	CA	US	

US-CL-CURRENT: 424/93.2; 424/93.6, 435/320.1, 435/455, 435/456,
435/69.1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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5. Document ID: US 20010006946 A1

L1: Entry 5 of 27

File: PGPB

Jul 5, 2001

PGPUB-DOCUMENT-NUMBER: 20010006946
PGPUB-FILING-TYPE: new-utility
DOCUMENT-IDENTIFIER: US 20010006946 A1

TITLE: COMPOSITIONS AND METHODS FOR ENHANCING DELIVERY OF
THERAPEUTIC AGENTS TO CELLS

PUBLICATION-DATE: July 5, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
ENGLER, HEIDRUN	SAN DIEGO	CA	US	
NAGABHUSHAN, TATTANAHALLI L.	PARSIPPANY	NJ	US	

US-CL-CURRENT: 514/44; 424/93.1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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6. Document ID: US 20010006629 A1

L1: Entry 6 of 27

File: PGPB

Jul 5, 2001

PGPUB-DOCUMENT-NUMBER: 20010006629
PGPUB-FILING-TYPE: new-utility
DOCUMENT-IDENTIFIER: US 20010006629 A1

TITLE: RECOMBINANT ADENOVIRAL VECTOR AND METHODS OF USE

PUBLICATION-DATE: July 5, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
GREGORY, RICHARD J.	CARLSBAD	CA	US	
WILLS, KEN N.	ENCINITAS	CA	US	
MANEVAL, DANIEL C.	SAN DIEGO	CA	US	

US-CL-CURRENT: 424/93.1; 424/93.2, 424/93.6, 435/320.1, 514/44

Full	Title	Citation	Front	Review	Classification	Date	Reference
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MMNC	Draw Desc	Image
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7. Document ID: US 6312946 B1

L1: Entry 7 of 27

File: USPT

Nov 6, 2001

US-PAT-NO: 6312946

DOCUMENT-IDENTIFIER: US 6312946 B1

TITLE: Viable contaminant particle free adenoviruses, their preparation and use

DATE-ISSUED: November 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yeh; Patrice	Paris			FRX
Perricaudet; Michel	Ecrosnes			FRX
Orsini; Cecile	Paris			FRX

US-CL-CURRENT: 435/320.1; 424/93.2, 424/93.21, 435/455,
435/456, 514/44

Full	Title	Citation	Front	Review	Classification	Date	Reference
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MMNC	Draw Desc	Image
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8. Document ID: US 6306652 B1

L1: Entry 8 of 27

File: USPT

Oct 23, 2001

US-PAT-NO: 6306652
DOCUMENT-IDENTIFIER: US 6306652 B1

TITLE: Packaging systems for human recombinant adenovirus to be used in gene therapy

DATE-ISSUED: October 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fallaux; Frits Jacobus	Leiderdorp			NLX
Hoeben; Robert Cornelis	Leiden			NLX
Van Der Eb; Alex Jan	Oegstgeest			NLX
Bout; Abraham	Moerkapelle			NLX
Valerio; Domenico	Leiden			NLX

US-CL-CURRENT: 435/325; 435/320.1, 435/455, 435/69.1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KNOW	Draw Desc	Image
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9. Document ID: US 6281000 B1

L1: Entry 9 of 27 File: USPT Aug 28, 2001

US-PAT-NO: 6281000
DOCUMENT-IDENTIFIER: US 6281000 B1

TITLE: Method for the preparation of a viral vector by intermolecular homologous recombination

DATE-ISSUED: August 28, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chartier; Cecile	Strasbourg			FRX
Degryse; Eric	Strasbourg			FRX

US-CL-CURRENT: 435/252.33; 424/184.1, 424/199.1, 424/200.1,
435/252.3, 435/320.1, 435/69.1, 435/69.3, 435/7.2, 514/44,
530/300, 530/350, 536/23.1, 536/23.7, 536/23.72

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KNOW	Draw Desc	Image
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10. Document ID: US 6265212 B1

L1: Entry 10 of 27 File: USPT Jul 24, 2001

US-PAT-NO: 6265212
DOCUMENT-IDENTIFIER: US 6265212 B1

TITLE: Packaging systems for human recombinant adenovirus to be used in gene therapy

DATE-ISSUED: July 24, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fallaux; Frits J.	Leiderdorp			NLX
Hoeben; Robert C.	Leiden			NLX
Bout; Abraham	Moerkapelle			NLX
Valerio; Domenico	Leiden			NLX
van der Eb; Alex J.	Oegstgeest			NLX
Schouten; Govert	Leiden			NLX

US-CL-CURRENT: 435/320.1; 424/93.21, 435/235.1, 435/325,
435/69.1, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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WMC	Draw Desc	Image
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11. Document ID US 6238893 B1

L1: Entry 11 of 27 File: USPT May 29, 2001
US-PAT-NO: 6238893
DOCUMENT-IDENTIFIER: US 6238893 B1

TITLE: Method for intracellular DNA amplification

DATE-ISSUED: May 29, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoeben; Robert Cornelis	Leiden			NLX
Bout; Abraham	Moerkapelle			NLX

US-CL-CURRENT: 435/91.1; 435/455

Full	Title	Citation	Front	Review	Classification	Date	Reference
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WMC	Draw Desc	Image
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12. Document ID US 6210939 B1

L1: Entry 12 of 27 File: USPT Apr 3, 2001

US-PAT-NO: 6210939

DOCUMENT-IDENTIFIER: US 6210939 B1

TITLE: Recombinant adenoviral vector and methods of use

DATE-ISSUED: April 3, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gregory; Richard J.	Carlsbad	CA		
Wills; Ken N.	Encinitas	CA		
Maneval; Daniel C.	San Diego	CA		

US-CL-CURRENT: 435/456; 435/252.3, 435/320.1, 435/363, 435/366,
435/370, 435/371

Full	Title	Citation	Front	Review	Classification	Date	Reference
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MMNC	Draw Desc	Image
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13. Document ID: US 6207150 B1

L1: Entry 13 of 27

File: USPT

Mar 27, 2001

US-PAT-NO: 6207150

DOCUMENT-IDENTIFIER: US 6207150 B1

TITLE: Variants of thymidine kinase, nucleic acids encoding them, and methods of using them

DATE-ISSUED: March 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Crouzet; Joel	Sceaux			FRX
Blanche; Francis	Paris			FRX
Couder; Michel	Sucy en Brie			FRX
Cameron; Beatrice	Paris			FRX

US-CL-CURRENT: 424/94.5; 435/194, 435/252.3, 435/320.1,
435/325, 435/6, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference
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MMNC	Draw Desc	Image
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14. Document ID: US 6165779 A

L1: Entry 14 of 27

File: USPT

Dec 26, 2000

US-PAT-NO: 6165779

DOCUMENT-IDENTIFIER: US 6165779 A

TITLE: Compositions and methods for therapeutic use

DATE-ISSUED: December 26, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Engler; Heidrun	San Diego	CA		
Huyghe; Bernard G.	San Diego	CA		
Maneval; Daniel C.	San Diego	CA		
Shabram; Paul	San Diego	CA		

US-CL-CURRENT: 435/320.1; 424/199.1, 514/44

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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15. Document ID: US 6136565 A

L1: Entry 15 of 27

File: USPT

Oct 24, 2000

US-PAT-NO: 6136565

DOCUMENT-IDENTIFIER: US 6136565 A

TITLE: Methods of reducing the levels of protoporphyrin IX in recombinant hemoglobin preparations

DATE-ISSUED: October 24, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Best; Elaine A.	Fort Collins	CO		
Hershberger; Charles Lee	Greenfield	IN		
Frye; Christopher Carl	Mooresville	IN		

US-CL-CURRENT: 435/69.6; 435/69.1, 530/385

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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16. Document ID: US 6127175 A

L1: Entry 16 of 27

File: USPT

Oct 3, 2000

US-PAT-NO: 6127175

DOCUMENT-IDENTIFIER: US 6127175 A

TITLE: Cells for the production of recombinant adenoviruses

DATE-ISSUED: October 3, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Vigne; Emmanuelle	Ivry sur Seine				FRX
Perricaudet; Michel	Ecrosnes				FRX
Dedieu; Jean-Fran.cedilla.ois	Paris				FRX
Orsini; Cecile	Paris				FRX
Yeh; Patrice	Paris				FRX
Latta; Martine	Charenton le Pont				FRX
Prost; Edouard	Sucy en Brie				FRX

US-CL-CURRENT: 435/325; 424/199.1, 435/235.1, 435/320.1,
435/366, 435/69.1, 435/91.1, 435/91.41, 514/44, 536/23.72,
536/24.1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KIMC	Draw Desc	Image
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17. Document ID: US 6110735 A

L1: Entry 17 of 27

File: USPT

Aug 29, 2000

US-PAT-NO: 6110735

DOCUMENT-IDENTIFIER: US 6110735 A

TITLE: Method for the preparation of a viral vector by
intermolecular homologous recombination

DATE-ISSUED: August 29, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Chartier; Cecile	Strasbourg				FRX
Degryse; Eric	Strasbourg				FRX

US-CL-CURRENT: 435/320.1; 424/233.1, 435/235.1, 435/252.1,
435/252.3, 435/252.33, 435/252.8, 435/91.4, 435/91.41, 514/44 ,
530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KIMC	Draw Desc	Image
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18. Document ID: US 6093567 A

L1: Entry 18 of 27

File: USPT

Jul 25, 2000

US-PAT-NO: 6093567

DOCUMENT-IDENTIFIER: US 6093567 A

TITLE: Gene therapy for cystic fibrosis

DATE-ISSUED: July 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gregory; Richard J.	Westford	MA		
Armentano; Donna	Belmont	MA		
Couture; Larry A.	Louisville	CO		
Smith; Alan E.	Dover	MA		

US-CL-CURRENT: 435/320.1; 424/93.2

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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19. Document ID: US 6080569 A

L1: Entry 19 of 27

File: USPT

Jun 27, 2000

US-PAT-NO: 6080569

DOCUMENT-IDENTIFIER: US 6080569 A

TITLE: Adenovirus vectors generated from helper viruses and helper-dependent vectors

DATE-ISSUED: June 27, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Graham; Frank L.	Hamilton			CAX
Parks; Robin	Hamilton			CAX
Chen; Liane	Hamilton			CAX

US-CL-CURRENT: 435/235.1; 435/320.1, 435/440, 435/455, 435/457

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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20. Document ID: US 6033908 A

L1: Entry 20 of 27

File: USPT

Mar 7, 2000

US-PAT-NO: 6033908
DOCUMENT-IDENTIFIER: US 6033908 A

TITLE: Packaging systems for human recombinant adenovirus to be used in gene therapy

DATE-ISSUED: March 7, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Bout; Abraham	Ar Moerkapelle				NLX
Hoeben; Robert Cornelis	Ex Leiden				NLX

US-CL-CURRENT: 435/325; 424/93.21, 435/320.1, 435/455,
435/69.1, 514/44, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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RVMD	Draw Desc	Image
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21. Document ID: US 5994128 A

L1: Entry 21 of 27 File: USPT Nov 30, 1999

US-PAT-NO: 5994128
DOCUMENT-IDENTIFIER: US 5994128 A

TITLE: Packaging systems for human recombinant adenovirus to be used in gene therapy

DATE-ISSUED: November 30, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Fallaux; Frits Jacobus	Be Leiderdorp				NLX
Hoeben; Robert Cornelis	Ex Leiden				NLX
Van der Eb; Alex Jan	Tw Oegstgeest				NLX
Bout; Abraham	Ar Moerkapelle				NLX
Valerio; Domenico	Ez Leiden				NLX

US-CL-CURRENT: 435/325; 424/93.21, 435/320.1, 435/455,
435/69.1, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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RVMD	Draw Desc	Image
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22. Document ID: US 5932210 A

L1: Entry 22 of 27 File: USPT Aug 3, 1999

US-PAT-NO: 5932210

DOCUMENT-IDENTIFIER: US 5932210 A

TITLE: Recombinant adenoviral vector and methods of use

DATE-ISSUED: August 3, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gregory; Richard J.	Carlsbad	CA		
Wills; Ken N.	Encinitas	CA		
Maneval; Daniel C.	San Diego	CA		

US-CL-CURRENT: 424/93.2; 424/93.6, 435/320.1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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RVNC	Draw Desc	Image
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23. Document ID: US 5882877 A

L1: Entry 23 of 27

File: USPT

Mar 16, 1999

US-PAT-NO: 5882877

DOCUMENT-IDENTIFIER: US 5882877 A

TITLE: Adenoviral vectors for gene therapy containing deletions in the adenoviral genome

DATE-ISSUED: March 16, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gregory; Richard J.	Westford	MA		
Armentano; Donna	Belmont	MA		
Couture; Larry A.	Louisville	CO		
Smith; Alan E.	Dover	MA		

US-CL-CURRENT: 435/320.1; 435/456, 435/457

Full	Title	Citation	Front	Review	Classification	Date	Reference
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RVNC	Draw Desc	Image
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24. Document ID: US 5670488 A

L1: Entry 24 of 27

File: USPT

Sep 23, 1997

US-PAT-NO: 5670488

DOCUMENT-IDENTIFIER: US 5670488 A

TITLE: Adenovirus vector for gene therapy

DATE-ISSUED: September 23, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gregory; Richard J.	Carlsbad	CA		
Armentano; Donna	Watertown	MA		
Couture; Larry A.	Framingham	MA		
Smith; Alan E.	Wellesley	MA		

US-CL-CURRENT: 514/44; 424/93.2, 435/320.1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KINC	Draw Desc	Image
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25. Document ID: AU 200134981 A, WO 200158940 A2

L1: Entry 25 of 27

File: DWPI

Aug 20, 2001

DERWENT-ACC-NO: 2001-497066

DERWENT-WEEK: 200175

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TITLE: Chimeric pix protein useful in an adenovirus gene transfer vector for infecting cells comprises at least one adenoviral pix domain and a non-native amino acid

INVENTOR: KOVESDI, I; ROELVINK, P W ; WICKHAM, T J

PRIORITY-DATA: 2000US-181163P (February 9, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 200134981 A	August 20, 2001		000	C07K014/005
WO 200158940 A2	August 16, 2001	E	024	C07K014/005

INT-CL (IPC): C07K 14/005

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KINC	Draw Desc	Image
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26. Document ID: AU 200052900 A, WO 200071694 A1

L1: Entry 26 of 27

File: DWPI

Dec 12, 2000

DERWENT-ACC-NO: 2001-032030
DERWENT-WEEK: 200115
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TITLE: Novel filamentous phage encapsulating a genome encoding fusion polypeptide comprising exogenous polypeptide fused to amino terminus of pVII and pIX proteins, for constructing diverse heterodimeric polypeptide array

INVENTOR: GAO, C; JANDA, K D ; LERNER, R A ; WIRSCHING, P

PRIORITY-DATA: 1999US-0318786 (May 25, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 200052900 A	December 12, 2000		000	C12N015/00
WO 200071694 A1	November 30, 2000	E	090	C12N015/00

INT-CL (IPC): C12N 5/12; C12N 15/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	MMO	Draw Desc	Clip Img	Image
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27. Document ID: JP 2000514312 W, WO 9813510 A1, EP 938579 A1, US 6080569 A
L1: Entry 27 of 27 File: DWPI Oct 31, 2000

DERWENT-ACC-NO: 1998-286415
DERWENT-WEEK: 200059
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TITLE: Improved helper-dependent vector system comprising loxP sites - used for production of high capacity adenoviral cloning vector(s)

INVENTOR: CHEN, L; GRAHAM, F L ; PARKS, R

PRIORITY-DATA: 1996US-0719217 (September 25, 1996),
1993US-0080727 (June 24, 1993), 1994US-0250885 (May 31, 1994),
1995US-0473168 (June 7, 1995)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2000514312 W	October 31, 2000		055	C12N015/09
WO 9813510 A1	April 2, 1998	E	055	C12N015/86
EP 938579 A1	September 1, 1999	E	000	C12N015/86
US 6080569 A	June 27, 2000		000	C12N007/00

INT-CL (IPC): A61K 48/00; C12N 5/10; C12N 7/00; C12N 15/09;
C12N 15/63; C12N 15/83; C12N 15/86; C12Q 1/66; C12Q 1/70

Full	Title	Citation	Front	Review	Classification	Date	Reference
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1490 PIX
174041 ADENOVIR?

S1 169 PIX AND ADENOVIR?

? s s1 and chimeric

285 S1
154432 CHIMERIC

S1 8 S1 AND CHIMERIC

? d s2/3/1-8

Display 1/3/1 (Item 1 from file: 154)

DIALOG(R)File 154:MEDLINE(R)

10526431 20171546 PMID: 10706736

In vitro priming with **adenovirus**/gp100 antigen-transduced dendritic cells reveals the epitope specificity of HLA-A*0201-restricted CD8+ T cells in patients with melanoma.

Linette GF; Shankara S; Longerich S; Yang S; Doll R; Nicolette C; Preffer FI; Roberts BL; Haluska FG

Hematology-Oncology Unit and Department of Pathology, Massachusetts General Hospital, Boston, MA 02114, USA. linette.gerald@mgh.harvard.edu

Journal of immunology (UNITED STATES) Mar 15 2000, 164 (6) p3402-12, ISSN 0022-1767 Journal Code: IFB

Languages: ENGLISH

Document type: Journal Article

Record type: Completed

- end of record -

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Display 1/3/2 (Item 1 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

10526431 20171546 PMID: 10706736

In vitro priming with **adenovirus**/gp100 antigen-transduced dendritic cells reveals the epitope specificity of HLA-A*0201-restricted CD8+ T cells in patients with melanoma.

Linette GF; Shankara S; Longerich S; Yang S; Doll R; Nicolette C; Preffer FI; Roberts BL; Haluska FG

Hematology-Oncology Unit and Department of Pathology, Massachusetts General Hospital, Boston, MA 02114, USA. linette.gerald@mgh.harvard.edu

Journal of immunology (UNITED STATES) Mar 15 2000, 164 (6) p3402-12, ISSN 0022-1767 Journal Code: IFB

Languages: ENGLISH

Document type: Journal Article

Record type: Completed

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Display 1/3/3 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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135157671 CA: 135(11)157671y PATENT
Adenoviral capsid containing chimeric protein IX
INVENTOR(AUTHOR): Raelvink, Petrus W.; Kivassdi, Imre; Wickham, Thomas J.
LOCATION: USA
ASSIGNEE: Genvec, Inc.
PATENT: PCT International ; WO 100158940 A1 DATE: 20010316
APPLICATION: WO 2001US4233 (20010209) *US FV181163 (20000209)
PAGES: 18 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C07K-014/005A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CR; CU; CZ; DE; DK; DM; DO; EE; ES; FI; GB; GD; GE; GH; GM; HR;
HU; ID; IL; IN; IS; IT; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA;
MD; MG; MK; MN; MW; MX; MY; MZ; NO; NC; NL; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL;
TG; TM; TR; TT; TZ; UA; US; VC; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU;
TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZW
; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE;
TR; BF; BJ; CF; CG; CI; CM; CA; GN; GW; ML; MR; NE; SN; TD; TG

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Display 2/3/4 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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134242639 CA: 134(17)242639t PATENT
Capsid-modified recombinant adenovirus and methods of use
INVENTOR(AUTHOR): Curjel, David T.
LOCATION: USA
ASSIGNEE: UAB Research Foundation
PATENT: PCT International ; WO 0131016 A1 DATE: 20010329
APPLICATION: WO 2000US26079 (20000223) *US FV186104 (19990924)
PAGES: 39 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-048/00A;
C12N-015/00B; C12N-015/63B; C12N-015/65B DESIGNATED COUNTRIES: AU; CA; JP
DESIGNATED REGIONAL: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT;
LU; MC; NL; PT; SE

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Display 2/3/5 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(F) Cited Ref Sci
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08493975 Genuine Article#: 08493975 No. References: 56
Title: In vitro priming with **adenovirus**/gp100 antigen-transduced
dendritic cells reveals the epitope specificity of
HLA-A*3201-restricted CD8(+) T cells in patients with melanoma
Author(s): Linette GP (REPRINT) ; Shankara S; Longerich S; Yang SX; Dell R;
Niccollette C; Preffer FI; Roberts RL; Halaska FG
Corporate Source: MASSACHUSETTS GEN HOSP, HEMATOLOGY ONCOLOGY UNIT, 55 FRUIT
ST/BOSTON//MA/02114 (REPRINT) ; MASSACHUSETTS GEN HOSP, DEPT
PATHOLOGY/BOSTON//MA/02114; HARVARD UNIV, SCH MED, DEPT
MED/BOSTON//MA/02114; GENZYME CORP, MOL ONCOLOGY/FRAMINGHAM//MA/01701
Journal: JOURNAL OF IMMUNOLOGY, 2000, V164, N6 (MAR 15), P3402-3412
ISSN: 0022-1767 Publication date: 20000315
Publisher: AMER ASSOC IMMUNOLOGISTS, 9650 ROCKVILLE PIKE, BETHESDA, MD
20814
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

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DIALOG(F)File 71:ELSEVIER BIOBASE
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01384984 2000056118
In vitro priming with **adenovirus**/gp100 antigen-transduced dendritic
cells reveals the epitope specificity of HLA-A*0201-restricted CD8sup + T
cells in patients with melanoma
Linette G.P.; Shankara S.; Longerich S.; Yang S.; Doll R.; Nicolette C.;
Pfeffer F.I.; Roberts B.L.; Haluska F.G.
ADDRESS: Dr. G.P. Linette, Massachusetts General Hospital,
Hematology-Oncology Unit, 55 Fruit Street, Boston, MA 02114,
United States
EMAIL: linette.gerald@mgh.harvard.edu
Journal: Journal of Immunology, 164/6 (3402-3412), 2000, United States
PUBLICATION DATE: March 15, 2000
CODEN: JOIMA
ISSN: 0022-1767
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

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NO. OF REFERENCES: 56

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DIALOG(F)File 73:EMBASE
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10637477 EMBASE No: 2000099734
In vitro priming with **adenovirus**/gp100 antigen-transduced dendritic
cells reveals the epitope specificity of HLA-A*0201-restricted CD8sup + T
cells in patients with melanoma
Linette G.P.; Shankara S.; Longerich S.; Yang S.; Doll R.; Nicolette C.;
Pfeffer F.I.; Roberts B.L.; Haluska F.G.
Dr. G.P. Linette, Massachusetts General Hospital, Hematology-Oncology
Unit, 55 Fruit Street, Boston, MA 02114 United States
AUTHOR EMAIL: linette.gerald@mgh.harvard.edu
Journal of Immunology (J. IMMUNOL.) (United States) 15 MAR 2000, 164/6
(3402-3412)
CODEN: JOIMA ISSN: 0022-1767
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 56

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Display 2/3/8 (Item 1 from file: 76)

DIALOG(R)File 76:Life Sciences Collection
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02468749 4688825

In Vitro Priming with **Adenovirus**/gp100 Antigen-Transduced Dendritic Cells Reveals the Epitope Specificity of HLA-A*0201-Restricted CD8 super(+) T Cells in Patients with Melanoma

Linette, G.P.; Shankara, S.; Longerich, S.; Yang, Sixun; Doll, R.; Nicolette, C.; Preffer, F.I.; Roberts, B.L.; Haluska, F.G.

Massachusetts General Hospital, Hematology-Oncology Unit, 55 Fruit Street, Boston, MA 02114, USA

Journal of Immunology vol. 164, no. 6, pp. 3402-3412 (2000)

ISSN: 0022-1767

DOCUMENT TYPE: Journal article LANGUAGE: ENGLISH

SUBFILE: Immunology Abstracts

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DIALOG(R)File 76:Life Sciences Collection
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02468749 4688825

In Vitro Priming with **Adenovirus**/gp100 Antigen-Transduced Dendritic Cells Reveals the Epitope Specificity of HLA-A*0201-Restricted CD8 super(+) T Cells in Patients with Melanoma

Linette, G.P.; Shankara, S.; Longerich, S.; Yang, Sixun; Doll, R.; Nicolette, C.; Preffer, F.I.; Roberts, B.L.; Haluska, F.G.

Massachusetts General Hospital, Hematology-Oncology Unit, 55 Fruit Street, Boston, MA 02114, USA

Journal of Immunology vol. 164, no. 6, pp. 3402-3412 (2000)

ISSN: 0022-1767

DOCUMENT TYPE: Journal article LANGUAGE: ENGLISH

SUBFILE: Immunology Abstracts

Replication-deficient recombinant **adenovirus** (Ad) encoding human gp100 or MART-1 melanoma Ag was used to transduce human dendritic cells (DC) ex vivo as a model system for cancer vaccine therapy. A second

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generation E1/E4 region deleted Ad which harbors the CMV immediate-early promoter/enhancer and a unique E4-ORF6/**PIX chimeric** gene was employed as the backbone vector. We demonstrate that human monocyte-derived DC are permissive to Ad infection at multiplicity of infection between 100 and 500 and occurs independent of the coxsackie Ad receptor. Fluorescent-labeled Ad was used to assess the kinetics and distribution of viral vector within DC. Ad-transduced DC show peak transgene expression at 24-48 h and expression remains detectable for at least 7 days. DC transduced with replication-deficient Ad do not exhibit any unusual phenotypic characteristics or cytopathic effects. DC transduced with

Ad2/gp100v2 can elicit tumor-specific CTL in vitro from patients bearing gp100 super(+) metastatic melanoma. Using a panel of gp100-derived synthetic peptides, we show that Ad2/gp100v2-transduced DC elicit Ag-specific CTL that recognize only the G209 and G280 epitopes, both of which display relatively short half-lives (similar to 7-8 h) on the surface of HLA-A*0201 super(+) cells. Thus, patients with metastatic melanoma are not tolerant to gp100 Ag based on the detection of CD8

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E1	10	AU=FOELVINK, PETER W
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E7	4	AU=FOELVINK, D.
E8	3	AU=FOELVINK, DANO
E9	1	AU=FOELVINK, DANO (J.)A.
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E12	1	AU=FOELVINK, J. A. DANO

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E5	4	AU=FOELVINK, D.
E6	3	AU=FOELVINK, DANO
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E8	1	AU=FOELVINK, INGRID F.K.
E9	23	AU=FOELVINK, J. A.
E10	1	AU=FOELVINK, J. A. DANO

E11 13 AU=ROELVINK, J.A.
 E12 1 AU=ROELVINK, J.A. (DANO)

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E7	1	AU=KOVESDI J.
E8	1	AU=KOVESDI JM
E9	1	AU=KOVESDI JOZSEF
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E12	1	AU=KOVESDI J.

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